| 7 373. | 77.7 | | | |
|----------|------|---|---|--------------------|
| L Number | Hits | Search Text | [DB | Time stamp |
| - ' | 1278 | (("502/350") or ("423/239.1")).CCLS. | USPAT | 2001/11/08 07:54 |
| - | 669 | ((("502/350") or ("423/239.1")).CCLS.) and | USPAT | 2001/11/08 07:55 |
| | | (ti or titani\$2 or "tio.sub."\$4 or | *************************************** | 2001, 11, 00 01.00 |
| | | "ti.sup"\$3) | | |
| _ | 22 | (((("502/350") or ("423/239.1")).CCLS.) | | 0001/11/07 10 1- |
|] _ | 22 | | USPAT | 2001/11/07 13:45 |
| | | and (ti or titani\$2 or "tio.sub."\$4 or | | |
| | | "ti.sup"\$3)) and light and wavelength | | |
| - | 14 | ((((("502/350") or ("423/239.1")).CCLS.) | USPAT | 2001/11/07 14:56 |
| | | and (ti or titani\$2 or "tio.sub."\$4 or | | |
| | | "ti.sup"\$3)) and light and wavelength) and | | |
| | | light with wavelength | | |
| | 14 | | 1 | |
| - | 14 | (((((("502/350") or ("423/239.1")).CCLS.) | USPAT | 2001/11/07 15:31 |
| | | and (ti or titani\$2 or "tio.sub."\$4 or | | |
| | | "ti.sup"\$3)) and light and wavelength) and | | |
| | | light with wavelength | | |
| - | 10 | (((((("502/350") or ("423/239.1")).CCLS.) | USPAT | 2001/11/07 14:57 |
| | | and (ti or titani\$2 or "tio.sub."\$4 or | 051111 | 2001/11/0/ 14:5/ |
| | | | | |
| | | "ti.sup"\$3)) and light and wavelength) and | | |
| | | light with wavelength) and catalyst | | |
| - | 8 | ((((((("502/350") or ("423/239.1")).CCLS.) | USPAT | 2001/11/07 15:31 |
| | | and (ti or titani\$2 or "tio.sub."\$4 or | | |
| 1 | | "ti.sup"\$3)) and light and wavelength) and | | |
| | | light with wavelength) and estaluath and | | |
| | | light with wavelength) and catalyst) and | | · |
| | _ | (anatase or rutile) | | |
| - | 8 | ((((((("502/350") or | USPAT | 2001/11/07 14:58 |
| | | ("423/239.1")).CCLS.) and (ti or titani\$2 | | |
| | | or "tio.sub."\$4 or "ti.sup"\$3)) and light | | |
| | | and wavelength) and light with wavelength) | | |
| 1 | | and catalyst) and (anatase or rutile)) and | | |
| | | | | |
| | _ | anatase | | |
| - | 8 | (((((((("502/350") or | USPAT | 2001/11/07 14:59 |
| | | ("423/239.1")).CCLS.) and (ti or titani\$2 | 1 | |
| | | or "tio.sub."\$4 or "ti.sup"\$3)) and light | | |
| | | and wavelength) and light with wavelength) | | |
| | | and catalyst) and (anatase or rutile)) and | | |
| | | | | |
| | | anatase) and particle and (size or | | · |
| | _ | diameter or radius or radii) | | |
| - | 8 | ((((((((("502/350") or | USPAT . | 2001/11/08 07:51 |
| | | ("423/239.1")).CCLS.) and (ti or titani\$2 | | |
| | | or "tio.sub."\$4 or "ti.sup"\$3)) and light | | i |
|] | | and wavelength) and light with wavelength) |] | |
| | | and catalyst) and (anatase or rutile)) and | | ļ |
| | | ana cacaryse, and (anacase of futile)) and | | , |
| | | anatase) and particle and (size or | | |
| | | diameter or radius or radii)) and particle | | |
| | | with (size or diameter or radius or radii) | | |
| - | 2 | (((((((((("502/350") or | USPAT | 2001/11/07 16:41 |
| | | ("423/239.1")).CCLS.) and (ti or titani\$2 | | |
| | | or "tio.sub."\$4 or "ti.sup"\$3)) and light | | |
| | | | | |
| | | and wavelength) and light with wavelength) | | |
| | | and catalyst) and (anatase or rutile)) and | | |
| | | anatase) and particle and (size or | | |
| | | diameter or radius or radii)) and particle | | |
| | | with (size or diameter or radius or | | |
| | | radii)) and (oxygen or "o.sub.2") and | İ | |
| | İ | | | |
| | _ | defect | | |
| - | 0 | (((((((((("502/350") or | USPAT | 2001/11/07 15:00 |
| , | | ("423/239.1")).CCLS.) and (ti or titani\$2 | | |
| | | or "tio.sub."\$4 or "ti.sup"\$3)) and light | | |
| j l | | and wavelength) and light with wavelength) | | 1 |
| | 1 | and catalyst) and (anatase or rutile)) and | | |
| | | | | |
| | | anatase) and particle and (size or | | |
| | | diameter or radius or radii)) and particle | | · |
| | | with (size or diameter or radius or | | |
| | | radii)) and (oxygen or "o.sub.2") and | , | |
| | | defect) and (oxygen or "o.sub.2") with | , | |
| | | defect | | |
| | | | | |

| - | 0 | ((((((((((((((((("502/350") or ("423/239.1")).CCLS.) and (ti or titani\$2 or "tio.sub."\$4 or "ti.sup"\$3)) and light and wavelength) and light with wavelength) and catalyst) and (anatase or rutile)) and anatase) and particle and (size or diameter or radius or radii)) and particle with (size or diameter or radius or | USPAT | 2001/11/07 15:00 |
|---|---|---|-------|------------------|
| _ | 6 | radii)) and (oxygen or "o.sub.2") and defect) and (oxygen or "o.sub.2") same defect ((((((((("502/350") or ("423/239.1")).CCLS.) and (ti or titani\$2 or "tio.sub."\$4 or "ti.sup"\$3)) and light and wavelength) and light with wavelength) and catalyst) and (anatase or rutile)) and anatase) and particle and (size or | USPAT | 2001/11/07 15:02 |
| - | 0 | diameter or radius or radii)) and particle with (size or diameter or radius or radii)) and semiconduct\$4 (((((((((("502/350") or ("423/239.1")).CCLS.) and (ti or titani\$2 or "tio.sub."\$4 or "ti.sup"\$3)) and light and wavelength) | USPAT | 2001/11/07 15:02 |
| - | 0 | and catalyst) and (anatase or rutile)) and anatase) and particle and (size or diameter or radius or radii)) and particle with (size or diameter or radius or radii)) and semiconduct\$4) and plasma (((((((((((("502/350")) or ("423/239.1")).CCLS.)) and (ti or titani\$2) | USPAT | 2001/11/07 15:02 |
| | | or "tio.sub."\$4 or "ti.sup"\$3)) and light and wavelength) and light with wavelength) and catalyst) and (anatase or rutile)) and anatase) and particle and (size or diameter or radius or radii)) and particle with (size or diameter or radius or radii)) and semiconduct\$4) and plasma) and | | |
| - | 5 | (deposition or cvd) ((((((((((("502/350") or ("423/239.1")).CCLS.) and (ti or titani\$2 or "tio.sub."\$4 or "ti.sup"\$3)) and light and wavelength) and light with wavelength) and catalyst) and (anatase or rutile)) and anatase) and particle and (size or diameter or radius or radii)) and particle | USPAT | 2001/11/07 15:32 |
| - | 2 | with (size or diameter or radius or radii)) and semiconduct\$4) and (hydrogen or "h.sub.2") (((((("502/350") or ("423/239.1")).CCLS.)) and (ti or titani\$2 or "tio.sub."\$4 or "ti.sup"\$3)) and light and wavelength) and light with wavelength) and (nox or | USPAT | 2001/11/07 15:31 |
| - | 1 | "no.sub."\$3) ((((((("502/350") or ("423/239.1")).CCLS.) and (ti or titani\$2 or "tio.sub."\$4 or "ti.sup"\$3)) and light and wavelength) and light with wavelength) and (nox or "no.sub."\$3)) and (anatase or rutile) | USPAT | 2001/11/07 15:31 |

| - | . 1 | (((((((((("502/350") or | USPAT | 2001/11/07 15:32 |
|----------|------|--|----------|---|
| | | ("423/239.1")).CCLS.) and (ti or titani\$2 | | 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 |
| | | or "tio.sub."\$4 or "ti.sup"\$3)) and light | | |
| | | and wavelength) and light with wavelength) | | |
| | | and catalyst) and (anatase or rutile)) and | | |
| | | anatase) and particle and (size or | | |
| | 1 | diameter or radius or radii)) and particle with (size or diameter or radius or | | |
| | | radii)) and semiconduct\$4) and (hydrogen | | |
| | | or "h.sub.2")) and ((((((("502/350") or | | |
| | | ("423/239.1")).CCLS.) and (ti or titani\$2 | İ | |
| | [| or "tio.sub."\$4 or "ti.sup"\$3)) and light | | |
| | | and wavelength) and light with wavelength) | | |
| 1 | | and (nox or "no.sub."\$3)) and (anatase or | | |
| | 0.7 | rutile)) | | |
| - | 27 | (((((((((ti or titani\$2 or "tio.sub."\$4 or | USPAT | 2001/11/07 16:42 |
| | | "ti.sup"\$3)) and light and wavelength) and | | |
| | | light with wavelength) and catalyst) and (anatase or rutile)) and anatase) and | | |
| | | particle and (size or diameter or radius | | |
| | İ | or radii)) and particle with (size or | } | |
| | | diameter or radius or radii)) and (oxygen | | |
| | | or "o.sub.2") and defect | | |
| - | 1278 | (("502/350") or ("423/239.1")).CCLS. | USPAT | 2001/11/07 16:55 |
| | 19 | ((("502/350") or ("423/239.1")).CCLS.) and | USPAT | 2001/11/07 16:58 |
| | | hydrogen and plasma | | |
| _ | 22 | ((("502/350") or ("423/239.1")).CCLS.) and | USPAT | 2001/11/07 16:58 |
| _ | 5 | (hydrogen or "h.sub.2") and plasma (((("502/350") or ("423/239.1")).CCLS.) | 110000 | 0004 /44 /55 55 |
| | | and (hydrogen or "h.sub.2") and plasma) | USPAT | 2001/11/07 17:01 |
| | | and (hydrogen or "h.sub.2") with plasma | | |
| - | 0 | ((((((((((ti or titani\$2 or "tio.sub."\$4 | USPAT | 2001/11/07 16:58 |
| | | or "ti.sup"\$3)) and light and wavelength) | OSTAL | 2001/11/0/ 16:38 |
| | | and light with wavelength) and catalyst) | | |
| | | and (anatase or rutile)) and anatase) and | | |
| | | particle and (size or diameter or radius | , | |
| 1 | | or radii)) and particle with (size or | | |
| | | diameter or radius or radii)) and (oxygen | | |
| | | or "o.sub.2") and defect) and (hydrogen or | | ~ |
| | | "h.sub.2") and plasma) and (hydrogen or "h.sub.2") with plasma | | |
| - | 0 | ((((((((((ti or titani\$2 or "tio.sub."\$4 | USPAT | 2001/11/07 16 50 |
| | | or "ti.sup"\$3)) and light and wavelength) | USPAI | 2001/11/07 16:58 |
| | | and light with wavelength) and catalyst) | | |
| | | and (anatase or rutile)) and anatase) and | | |
| | | particle and (size or diameter or radius | | |
| | | or radii)) and particle with (size or | | , [|
| | | diameter or radius or radii)) and (oxygen | | |
| | | or "o.sub.2") and defect) and (hydrogen or "h.sub.2") and plasma) and (hydrogen or | | |
| | | "h.sub.2") same plasma (nydrogen or | | |
| _ | 4 | (((((((((ti or titani\$2 or "tio.sub."\$4 | USPAT | 2001/11/07 16:59 |
| | | or "ti.sup"\$3)) and light and wavelength) | ODEMI | 2001/11/0/ 16:59 |
| | | and light with wavelength) and catalyst) | | |
| | | and (anatase or rutile)) and anatase) and | | |
| |] | particle and (size or diameter or radius | | |
| | | or radii)) and particle with (size or | | |
| | | diameter or radius or radii)) and (oxygen | | |
| 1 | | or "o.sub.2") and defect) and (hydrogen or | | |
| | 4 | "h.sub.2") and plasma (((((((((ti or titani\$2 or "tio.sub."\$4 | IICDAM . | 2001 /11 /27 11 15 |
| 1 | | or "ti.sup"\$3)) and light and wavelength) | USPAT | 2001/11/07 16:59 |
| 1 | | and light with wavelength) and catalyst) | | |
| 1 | . 1 | and (anatase or rutile)) and anatase) and | | |
| | | particle and (size or diameter or radius | | |
| | | or radii)) and particle with (size or | İ | |
| | | diameter or radius or radii)) and (oxygen | | |
| | | or "o.sub.2") and defect) and hydrogen and | | |
| 1 | 1 | plasma | | |

| | , | | | |
|-----|------|--|---------------------------------------|---------------------------------------|
| - | 5 | ((((("502/350") or ("423/239.1")).CCLS.) | USPAT | 2001/11/07 17:01 |
| | Ì | and (hydrogen or "h.sub.2") and plasma) | | |
| | ļ. | and (hydrogen or "h.sub.2") with plasma) | | 1 |
| | [| and catalyst | | |
| _ | 8 | ((((((((("502/350") or | USPAT | 20'01/11/08 08:47 |
| | | ("423/239.1")).CCLS.) and (ti or titani\$2 | USPAI | 2001/11/08 08:4/ |
| | | | | |
| | | or "tio.sub."\$4 or "ti.sup"\$3)) and light | | |
| | | and wavelength) and light with wavelength) | | |
| | | and catalyst) and (anatase or rutile)) and | | |
| | | anatase) and particle and (size or | | İ |
| | | diameter or radius or radii)) and particle | | İ |
| | | with (size or diameter or radius or radii) | | · |
| _ | 1 | ((((((((("502/350") or | II C D A III | 2001/11/08 08:06 |
| | _ | | USPAT | 2001/11/08 08:06 |
| | | ("423/239.1")).CCLS.) and (ti or titani\$2 | | |
| | | or "tio.sub."\$4 or "ti.sup"\$3)) and light | | |
| | | and wavelength) and light with wavelength) | | |
| | | and catalyst) and (anatase or rutile)) and | | |
| | | anatase) and particle and (size or | | |
| | | diameter or radius or radii)) and particle | | |
| | į | with (size or diameter or radius or | | |
| | | radii)) and plasma | | |
| 1_ | 1070 | | | |
| - | 1278 | (("502/350") or ("423/239.1")).CCLS. | USPAT | 2001/11/08 07:54 |
| [- | 28 | ((("502/350") or ("423/239.1")).CCLS.) and | USPAT | 2001/11/08 07:54 |
| | | plasma | | |
| - | 19 | (((("502/350") or ("423/239.1")).CCLS.) | USPAT | 2001/11/08 08:01 |
| | | and plasma) and (ti or titani\$2 or | | |
| | ; | "tio.sub."\$4 or "ti.sup"\$3) | | |
| _ | 16 | ((((("502/350") or ("423/239.1")).CCLS.) | HODAM | 2001/11/00 05 5- |
| | 10 | | USPAT | 2001/11/08 07:55 |
| | | and plasma) and (ti or titani\$2 or | | |
| | | "tio.sub."\$4 or "ti.sup"\$3)) and (hydrogen | | į |
|] [| | or "h.sub.2") | 1 | |
| - | 4 | (((((("502/350") or ("423/239.1")).CCLS.) | USPAT | 2001/11/08 08:00 |
| | , | and plasma) and (ti or titani\$2 or | · · · · · · · · · · · · · · · · · · · | |
| | • | "tio.sub."\$4 or "ti.sup"\$3)) and (hydrogen | | |
| | | or "h.sub.2")) and (hydrogen or "h.sub.2") | | |
| | | | | · |
| | _ | with plasma | | |
| - | 0 | ((("502/350") or ("423/239.1")).CCLS.) and | USPAT | 2001/11/08 08:01 |
| | } | hydrogen adj plasma | | |
| - | 1278 | hydrogen adj plasma | USPAT | 2001/11/08 08:01 |
| - | 513 | (hydrogen adj plasma) and (ti or titani\$2 | USPAT | 2001/11/08 08:01 |
| 1 ! | | or "tio.sub."\$4 or "ti.sup"\$3) | | = = = = = = = = = = = = = = = = = = = |
| 1 | 55 | ((hydrogen adj plasma) and (ti or titani\$2 | ממסוו | 2001/11/00 00:01 |
| | 33 | or "tio sub "ca or "ti or "call | USPAT | 2001/11/08 08:01 |
| , | | or "tio.sub."\$4 or "ti.sup"\$3)) and | | |
| | _ | catalyst | | ! |
| - | 2 | (((hydrogen adj plasma) and (ti or | USPAT | 2001/11/08 08:23 |
| | | titani\$2 or "tio.sub."\$4 or "ti.sup"\$3)) | | |
| | | and catalyst) and catalyst with (ti or | | |
| | | titani\$2 or "tio.sub."\$4 or "ti.sup"\$3) | | |
| _ | 1 | (((((((((("502/350") or | ממסוו | 2001/11/00 00 05 |
| | + | | USPAT | 2001/11/08 08:07 |
| | | ("423/239.1")).CCLS.) and (ti or titani\$2 | | |
| | | or "tio.sub."\$4 or "ti.sup"\$3)) and light | | |
| | | and wavelength) and light with wavelength) | | |
| | 1 | and catalyst) and (anatase or rutile)) and | | |
| | i | anatase) and particle and (size or | | |
| | ļ | diameter or radius or radii)) and particle | | |
| | ì | with (size or diameter or radius or | | |
| | | | | |
| | | radii)) and (hydrogen or "h.sub.2")) and | | |
| | _ | flame | | · |
| - | 7 | (((((((((("502/350") or | USPAT | 2001/11/08 08:07 |
| | | ("423/239.1")).CCLS.) and (ti or titani\$2 | | - i |
| | | or "tio.sub."\$4 or "ti.sup"\$3)) and light | | ļ |
| | | and wavelength) and light with wavelength) | | 1 |
| | | and catalyst) and (anatase or rutile)) and | | 1 |
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| | | anatase) and particle and (size or | | |
| | | diameter or radius or radii)) and particle | | |
| | ļ | with (size or diameter or radius or | | |
| | l | radii)) and (hydrogen or "h.sub.2") | | |
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|---|---|---|-------|------------------|
| | 1 | ((((((((((((((((((((((((((((((((((((((| USPAT | 2001/11/08 08:07 |
| _ | 2 | <pre>((((hydrogen adj plasma) and (ti or titani\$2 or "tio.sub."\$4 or "ti.sup"\$3)) and catalyst) and catalyst with (ti or titani\$2 or "tio.sub."\$4 or "ti.sup"\$3)) and activ\$5</pre> | USPAT | 2001/11/08 08:24 |
| | 2 | <pre>(((((hydrogen adj plasma) and (ti or titani\$2 or "tio.sub."\$4 or "ti.sup"\$3)) and catalyst) and catalyst with (ti or titani\$2 or "tio.sub."\$4 or "ti.sup"\$3)) and activ\$5) and (hydrogen or "h.sub.2") and plasma</pre> | USPAT | 2001/11/08 08:24 |
| - | 6 | • | USPAT | 2001/11/08 08:48 |